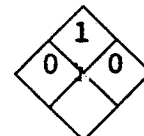


JUN 30 1982

N.F.P.A.

# Witco MATERIAL SAFETY DATA SHEET



## SECTION I

PRODUCT ZINC STEARATE (All Grades)

DPM 950-47

CAS NO. 557-05-1

WITCO MANUFACTURING DIVISION OR SUBSIDIARY <b>Organics Division</b>		EMERGENCY TELEPHONE MANUFACTURER <b>(312) 767-8772</b>
ADDRESS (NUMBER, STREET, CITY, STATE, ZIP CODE) <b>6200 W. 51st St., Chicago, IL 60638</b>		CHEM TREC 1-(800) 424-9300
CHEMICAL NAME OR FAMILY <b>Zinc soap of commercial stearic acid</b>	FORMULA <b>(C<sub>17</sub>H<sub>35</sub>COO)<sub>2</sub> Zn</b>	

## SECTION II - CHEMICAL AND PHYSICAL PROPERTIES

BOILING PT. <b>N/A</b> °C (____ °F)	VAPOR PRESSURE (mmHg at 20 °C) <b>Nil</b>	VAPOR DENSITY (AIR = 1) <b>N/A</b>	SPECIFIED GRAVITY (H <sub>2</sub> O = 1) <b>1.1</b>
MELTING PT. <b>120</b> °C ( <b>248</b> °F)			
EVAPORATION RATE (____ = 1) <b>Nil</b>	SOLUBILITY IN H <sub>2</sub> O AT <b>25</b> °C <b>Negligible</b>	PERCENT VOLATILE (BY WT. %) <b>0.5 (moisture)</b>	STRONG ACID <input type="checkbox"/> STRONG BASE <input type="checkbox"/>
PHYSICAL FORM AND ODOR <b>Fine white powder, slight fatty odor</b>			STABLE <input checked="" type="checkbox"/> UNSTABLE <input type="checkbox"/>
HAZARDOUS DECOMPOSITION PRODUCTS			
INCOMPATIBILITY (KEEP AWAY FROM)			
LIST ALL TOXIC AND HAZARDOUS INGREDIENTS			

## SECTION III - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED) <b>233°C 450 °F C.O.C.</b>	FLAMMABLE LIMITS % LOWER _____ UPPER _____ <b>N/A</b>
EXTINGUISHING AGENTS <input checked="" type="checkbox"/> DRYCHEMICAL <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> WATERSPRAY	
SPECIAL FIRE FIGHTING PROCEDURES	
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Dust explosions can occur. See Section VII</b>	

## SECTION IV - HEALTH HAZARD DATA

PERMISSIBLE CONCENTRATIONS (AIR) <b>10 mg/m<sup>3</sup></b>	EFFECTS OF OVEREXPOSURE
TOXICOLOGICAL PROPERTIES	
EMERGENCY FIRST AID PROCEDURES	
EYES	<b>Flush with water</b>
SKIN CONTACT	<b>Wash with soap and water</b>
INHALATION	<b>Remove subject to fresh air</b>
IF SWALLOWED	<b>Drink large amount of water.</b>

## SECTION V - SPECIAL PROTECTION INFORMATION

PRODUCT Zinc Stearate

VENTILATION TYPE REQUIRED (LOCAL, MECHANICAL, SPECIAL)	
Local exhaust suggested to prevent dust build-up.	
RESPIRATORY PROTECTION (SPECIFY TYPE)	
NIOSH approved respirator	
PROTECTIVE GLOVES	EYE PROTECTION
Rubber Gloves	Safety glasses
OTHER PROTECTIVE EQUIPMENT	

## SECTION VI – HANDLING OF SPILLS OR LEAKS

PROCEDURES FOR CLEAN-UP
Sweep-up, discard in closed containers.
WASTE DISPOSAL
Dispose of consistent with Local, State, and Federal Regulations.

## SECTION VII – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Dust explosions can occur under conditions of high dust concentration in presence of an ignition source (spark or open flame)

## SECTION VIII – TRANSPORTATION DATA

U.S. DEPARTMENT OF TRANSPORTATION HAZARD CLASS		<input checked="" type="checkbox"/> UNREGULATED BY D.O.T.
LABEL REQUIRED		
U.S. D.O.T. PROPER SHIPPING NAME		
TRANSPORTATION EMERGENCY INFORMATION		
CHEM TREC 1-(800) 424-9300		

## SECTION IX – COMMENTS

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SIGNATURE Charles R. Bunting  
Charles R. Bunting

REVISION DATE 11/26/80

TITLE Asst. Manager, Technical Service

DATE SENT \_\_\_\_\_

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